

# Legislation and Prohibited Plants

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# Plants of Regulatory Concern & Indiana Weed Regulatory Structures

- (IC 14-8-2-316) “Weed” means any plant that is competitive, persistent, pernicious, and interferes with human activity, and as a result is undesirable.
- (IC 14-8-2-87.5) “Exotic Weed” means a weed that is not native to Indiana.

# Plants of Regulatory Concern & Indiana Weed Regulatory Structures

- Noxious Weeds and Detrimental Plants
  - IC 15-3-4.6-2 Noxious weeds are Canada thistle (*Cirsium arvense*), Johnson grass and *Sorghum alnum* (*Sorghum halepense*), bur cucumber (*Sicyos angulatus*), shattercane (*Sorghum bicolor* (L.) Moench spp. *drummondii* (Steud.) deWet).

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## ■ Detrimental Plants

- (IC 15-3-4-1) Detrimental plants includes all noxious weeds, “and, in residential areas only, noxious weeds and rank vegetation. The term does not include agricultural crops.”

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- Other regulated plants
  - Marijuana (IC 15-3-4.6-1) - may be controlled by county weed boards.
  - Johnson grass (IC 15-3-5-1) - must be controlled by public and quasi-public bodies.
  - Multiflora rose (IC 14-24-12-5) - may be used only by permit or be used by a nurseryman as grafting stock.
  - Purple loosestrife (IC 14-24-12-7) - all distribution is prohibited except through permit. (No eradication.)

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## ■ Jurisdictions:

- Exotic weeds (IC 14-8-2-203; IC 14-24) - DNR entomology
- Weed seeds (IC 15-4-1) - Indiana State Seed Commissioner (sets noxious weed lists)
- Weeds on railroad right-of-ways (IC 8-3-7-1&2)
- County weed control boards (IC 15-3-4.6) - noxious weeds and marijuana
- Township trustees (IC 15-3-4.6-4) - detrimental plants

# Exotic and Invasive

## ■ Exotic -

- In its most simplistic form - simply means “not native” to the area under consideration.
- It is not inherently time dependent.

## ■ Invasive -

- In its most simplistic form - simply means an exceptional ability to establish and to take over existing vegetation. (not necessarily rapidly)

# *Inula britannica*

- New weed from Netherlands found mixed in with Hosta and Astilbe rhizomes.
- Spreads rapidly in production areas and in yards. Could be next dandelion.
- Surveys needed of packaged hosta and other bulbs from holland.



# *Lythrum*

- European plant - popular garden plant and honey bee nectaring plant.
- *L. salicaria* was legislatively prohibited, due to losses in state wetlands and costs of control in ditches along highways.
- All *Lythrum* prohibited due to on-site identification problems, false labels in trade, and no true non-sterile varieties.

# Japanese Bloodgrass

- On federal list of regulated plants. Requires permit.
- Applications denied on basis of federal listing.
- Informal appeal and review process resulted in findings that this species, in Indiana, is a marginal survivor, almost behaves as an annual plant.
- Provided reversal of opinion and allowed plants to enter Indiana.

# Grecian Foxglove

- Older nursery plant -
- Found to be invasive in rangeland soils - kills cattle
- On federal regulators watch list -

# Plant Distributors

- Natural Resources
  - Multiflora rose
  - Autumn olive
  - Bush Honeysuckles
  - European cranberry

# Plant Distributors

- **Beekeepers**
  - Purple loosestrife
- **State Highway Department**
  - Crown vetch
- **Nursery industry**
  - Glossy leaved buckthorn
  - rust susceptible barberry
- **Farmers - anecdotal**
  - Hemp for rope production during WW I

# Questions ??

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